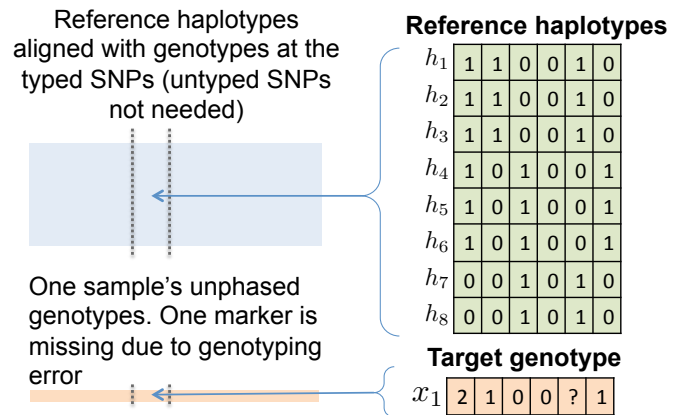
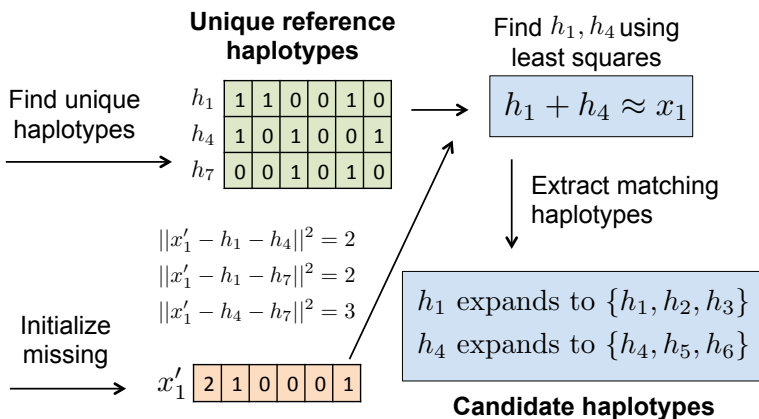


## a Examine window of typed SNPs

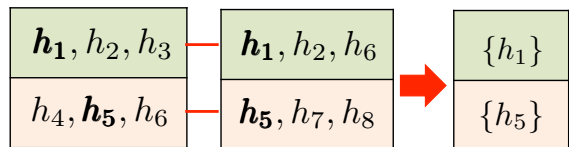


## b Find optimal haplotype pairs in each window

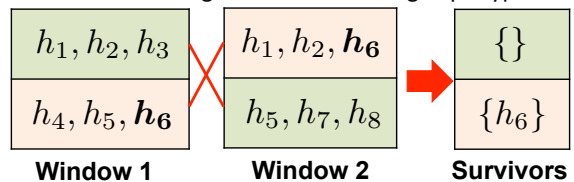


## c Connect neighbors in 1 of 2 ways

Parallel connection generates 2 surviving haplotypes:

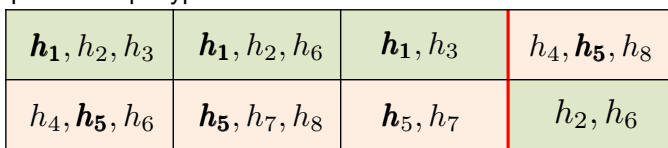


A switch at window 2 generates 1 surviving haplotype:



## d Stitch window-by-window from left to right

Unphased haplotypes



Phased haplotypes

